

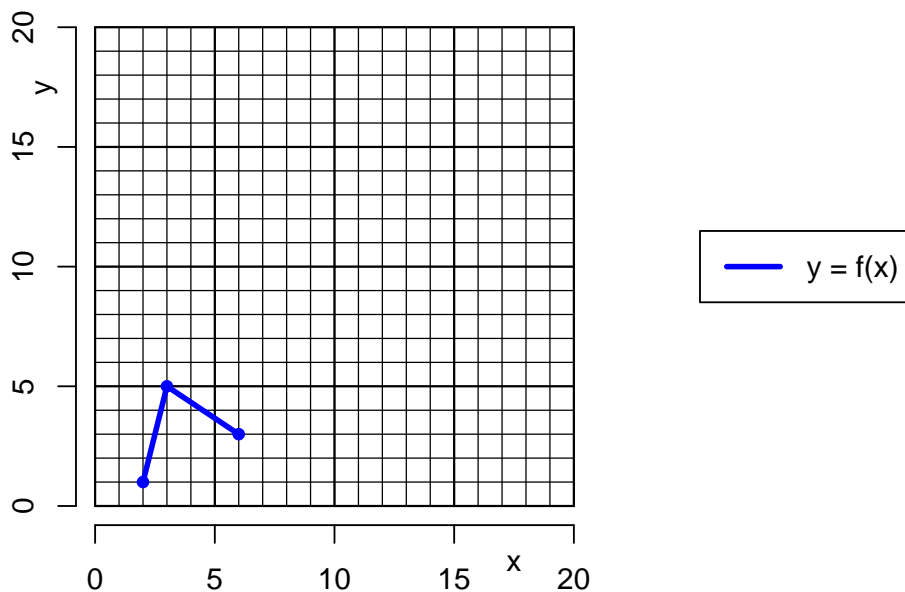
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 21)

Question 1

Curve $y = f(x)$ contains points $(2, 1)$ and $(3, 5)$ and $(6, 3)$, as shown on the x - y plane below.

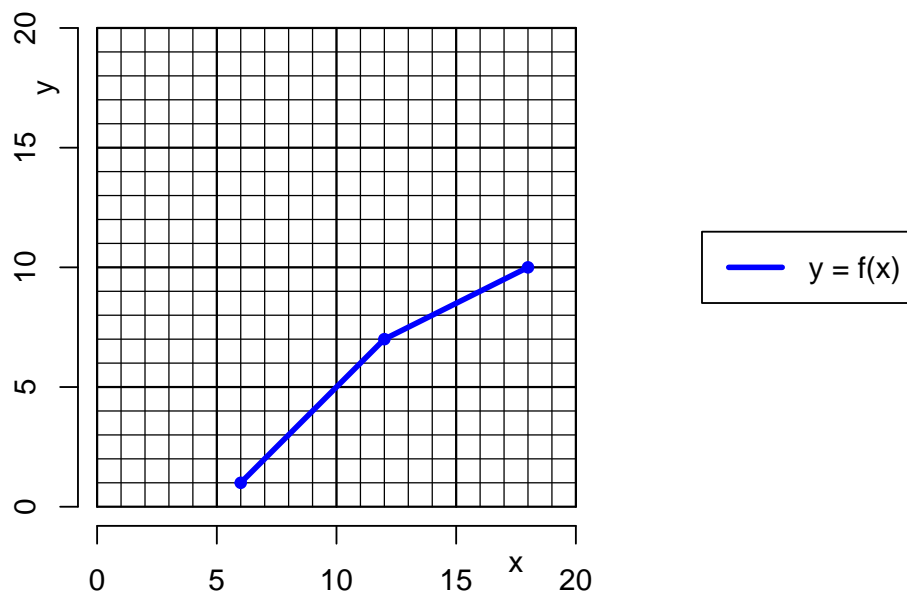


On the same plane, please draw the curve represented by the equation below:

$$y = 3 \left(f \left[\frac{x-4}{2} \right] + 1 \right)$$

Question 2

Curve $y = f(x)$ contains points $(6, 1)$ and $(12, 7)$ and $(18, 10)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 2f[3(x + 1)] - 2$$